

For dramatic close-ups of distant subjects and sharp, clear fast-action shots other cameras might miss, the Sony Cyber-shot® DSC-H7 has it all: 15X Optical zoom, Advanced Sports Mode (up to 1/4000 sec.), Super SteadyShot® image stabilization and high sensitivity (ISO 3200) mode. It also incorporates new hi-tech features like Face Detection, D-Range Optimization, in-camera retouching, electronic color viewfinder, remote control -- even HD Output<sup>1</sup> to let you share memories in spectacular high definition clarity and detail on compatible HDTV screens.



Still image



- **High-Power Carl Zeiss® 15X Optical Zoom**  
A superb lens for bringing long-distance subjects up close, the pro-quality Carl Zeiss® Vario-Tessar® lens design of the DSC-H7 provides 15X Optical zoom design -- with 25X HD Digital zoom to enlarge the center portion of the picture so you see even more detail.

- **8.1 MP Super HAD™ CCD**  
More megapixels give you more detail and definition for editing, cropping, and making large digital prints. Sony's advanced Super HAD™ (Hole Accumulated Diode) CCD design allows more light to pass to each pixel, increasing sensitivity and reducing noise.

- **HD Output<sup>1</sup>**  
Thanks to Sony, your photo album can go high-def -- with direct HD output<sup>1</sup> to compatible HDTV screens, so you can view DSC-H7 still photos in spectacular high definition clarity and detail. Your life never looked so exciting!

- **HD Slide Show with Music**  
It's the high-definition viewing experience that makes photos come alive on compatible HDTV screens, accompanied by your choice of visual effects and any of four preset musical selections stored in memory or your favorite MP3 tunes downloaded from PC to your camera for use as background music.

- **Face Detection**  
By automatically controlling focus, exposure, color and flash, this new Sony feature reveals faces in shadow, makes skin tones look more natural and eliminates harsh facial glare -- to help bring out every expression on every face in every shot, so you'll capture the personalities and emotions that make memories come alive.

- **High Sensitivity Mode**  
With Super SteadyShot® image stabilization to minimize blur, High Sensitivity Mode (ISO 3200) lets the DSC-H7 shoot effectively in low light without flash to preserve the mood -- and Sony's original Clear RAW™ NR (Noise Reduction) image processing technology helps suppress the color noise that can accompany high-sensitivity shooting.

- **Advanced Sports Mode**  
To capture fast-moving subjects in split-second detail, the DSC-H7 provides a Sports shooting mode that combines high shutter speed (up to 1/4000 sec.) that responds more quickly to rapid motion -- a great way to catch the perfect moment in sports, children's games, pet tricks and more.

- **Long-Distance Flash**  
A powerful flash provides extra illumination to light up subjects farther from your camera, with precise light control and the ability to adjust flash for both front and rear sync when shooting at low-speed sync setting.

- **Super SteadyShot® Optical Image Stabilization**  
Other image stabilization systems crop in to compensate for "camera shake" -- but with the Super SteadyShot® system, optical sensors detect camera movement and send correcting signals to a stabilization lens that allows even ultra-long-distance digital photos to capture more detail with less camera shake distortion.

- **9-Point Auto Focus**  
Because an off-center subject can make your shot more interesting, the DSC-H7 can measure auto-focus precision at 9 points on your screen -- giving you greater creative freedom to compose your image.

- **D-Range Optimization**  
Powered by the exclusive Sony Bionz™ high-speed processing engine, D-Range Optimization preserves image data in bright highlights and reveals more detail in shadows or backlit areas -- for great results even in difficult lighting conditions.

- **In-Camera Retouching**  
The DSC-H7 lets you add creative effects to photos after you shoot -- including soft edge filter to soften backgrounds, cross filter to place starry "dazzles" at highlight points, partial color filter to mute surrounding colors, even fish-eye filter to create interesting fish-eye lens effects.

- **In-Camera Red-Eye Reduction**  
Irritating "glowing eyes" can ruin even the most creative photos -- so the DSC-H7 gives you in-camera correction at the touch of a button to reduce lingering red-eye effect that other systems might miss.

#### ADDITIONAL FEATURES

- 2.5" LCD Screen, Simple Controls
- Electronic Color Viewfinder
- Remote Control Function
- Wheel Dial for Manual Exposure Modes
- 31 MB Internal Memory
- Memory Stick Duo™ Media
- 76X Smart Zoom® Feature<sup>4</sup>
- MPEG Movie Vx Fine Mode
- Stamina® Battery Power



# DSC-H7/B

Cyber-shot® Digital Still Camera

## Specifications

### General

Megapixel: 8.1 MP  
Imaging Device: 1/2.5" Super HAD™ CCD  
Recording Media: 31MB<sup>1</sup> internal Flash Memory, optional Memory Stick® DUO Media, optional Memory Stick DUO PRO™ Media

### Convenience

White Balance: Automatic, Cloudy, Daylight, Fluorescent 1, Fluorescent 2, Fluorescent 3, Incandescent, Flash, Manual  
Self Timer: Yes (10 seconds, 2 seconds, Off)  
Memory Stick PRO™ Media Compatibility: Tested to support up to 8GB Memory Stick DUO PRO™ media capacity<sup>2</sup>; does not support Access Control security function.  
Still Image Mode(s): Burst, Normal JPEG, Bracket Exposure  
Red-Eye Reduction: Yes (On/Off all modes)  
Burst Mode: Up to 100 Shot at TBD fps (all resolutions)  
Erase/Protect: Yes/Yes  
Date/Time Stamp: No/ No  
Media/Battery Indicator: Yes/Yes  
Color Mode(s): Black & White, Natural, Sepia, Vivid

### Convenience Features

AF Illuminator Light: Yes  
PictBridge Compatible: Yes  
Multi-Pattern Measuring: Yes  
SteadyShot® Image Stabilization: Yes  
Scene Mode(s): Advanced Sports Shooting, Beach, Fireworks, High Sensitivity, Landscape, Portrait, Snow, Twilight, Twilight Portrait  
Movie Mode(s): MPEG VX Fine with Audio (640x480 at 30fps) (MPEG VX Fine requires Memory Stick DUO PRO™ media), MPEG VX Standard with Audio (640x480 at 16fps), Presentation Mode (320x240 at 8.3fps).  
Power Save Mode: Yes (after approx. 3 min. of inactivity)  
In-Camera Editing: Red-eye reduction, soft edge filter, cross filter partial color filter, fish-eye filter

### Inputs and Outputs

Accessory Terminal: N/A  
Audio/Video Output(s): Yes via Multi-Use Connector  
USB Port(s): Yes (Supports USB 2.0<sup>3</sup>)  
HD Output: Yes (1080i)

### Hardware

LCD: 2.5"<sup>2</sup> (115k Pixels TFT LCD Screen)  
Viewfinder: 0.2" 201k LCD, TTL EVF  
Lens Construction: 13 Elements in 8 Groups, 4 Aspheric Elements/ 1 ED lens  
Microphone/Speaker: Yes/ Yes  
Lens Type: Carl Zeiss® Vario-Tessar®  
Docking Station: N/A

### Operating Conditions

Flash Mode(s): Auto, Forced On, Forced Off, Slow Synch

### Optics/Lens

Focal Length: 5.2 - 78 mm  
35mm Equivalent: 31 - 465 mm  
Focus: 9 Area Multi-Point AF, Monitoring AF, Flexible Spot AF  
Aperture Range: Auto, (f2.7-5.6W)/(f4.5-8T)  
Shutter Speed: 1/4-1/4000 sec. (Auto), 1-1/4000 sec. (Program Auto), 8" - 1/2000 (Aperture Priority), 30" - 1/4000 (Manual/Shutter Priority)  
Exposure Compensation: ±2.0 EV, 1/3 EV

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ISO: Auto, 80, 100, 200, 400, 800, 1600, 3200  
Smart Zoom® Technology: Up to 18X (5MP)

Digital Zoom: 0-2.0X (Precision)  
Optical Zoom: 15X  
Macro Mode: Yes  
Total Zoom: 30X  
Face Detection: Yes

### Power

Battery Type: Lithium-Ion NP-BG1  
Battery Capacity: 3.6V, 960 mAh

### Service and Warranty Information

Limited Warranty: 1 Year Parts & Labor

### Software

Supplied Software: Windows: Picture Motion Browser Vers 2.0 + USB Driver  
Operating System Compatibility: Microsoft® 2000 Professional, Me, XP Home and Professional; Macintosh® OS 9.1/9.2/OS X (10.0-10.4)

### Dimensions

Weight: Weight: 13.2 oz (375 g) Body; 1lb 2.1 oz. (514 g) including Battery and optional Memory Stick® DUO Media  
Measurements: Dimensions: 4 5/16" x 3 5/16" x 3 3/8" (109.5 x 83.4 x 85.7 mm)

### Supplied Accessories

NP-BG1 rechargeable battery  
BC-CSG battery charger  
Flower Lens Hood  
Lens cap with strap  
Lens Adaptor Ring  
A/V and USB multi-connector cables  
Shoulder strap  
Remote Commander  
Software CD-ROM  
Note: No Memory Stick® DUO media or adaptors are included.  
Optional Accessories  
Rechargeable Lithium-Ion Battery (NP-BG1)  
Wide Angle Conversion Lens (VCL-DH0730)  
GPS Unit Kit (GPS-CS1KA)  
Memory Stick Duo™ PRO (MSX-M512S)  
Memory Stick Duo™ PRO (MSX-M1GN)  
Memory Stick Duo™ PRO (MSX-M2GN/GS)  
Memory Stick Duo™ PRO (MSX-M4GS)  
Memory Stick Duo™ PRO (MSX-M8GS)  
Memory Stick Duo™ Adaptor (MSAC-M2)  
Memory Stick Duo™ USB Adptr (MSAC-US40)

Color: Black  
UPC Code: 027242712935

1: HD Output requires an optional Sony HD connector cable; HDTV sold separately.  
2: Viewable area, measured diagonally.  
3: Actual results may vary based on product settings, usage patterns, battery and environmental conditions.  
4: Smart Zoom® feature will not work at highest resolution setting.  
5: Shooting at high frame rate of up to 30 frames per second requires Memory Stick PRO Duo™ media.  
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